

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,680,670 B2
APPLICATION NO. : 10/587907
DATED : March 16, 2010
INVENTOR(S) : Claude Lamblin et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE ABSTRACT:

In line 6, “D'_i<N>” should read -- D'_i^N --

IN THE SPECIFICATION:

In Column 4, line 11, “Thoeretically” should read -- Theoretically --

In Column 13, line 17, “| \tilde{j} |” should read -- | \tilde{y} | --

In Column 16, line 10, “(T_i^j-R_{i-1}^j)” should read -- (T_i^j-T_{i-1}^j) --

In Column 22, line 4, “S¹ = {S_j¹}j∈[3,4,5,6,8,10,12,13,14,15]” should read
-- S¹ = {S_j¹}j∈[3,4,5,7,8,9,10,12,13,14,15] --

In Column 22, line 50, should read --
$$L^{i0} = \bigcup_{j \in [1, \dots, 15]} L_j^{i0}$$
 --

In Column 23, line 57, should read --
$$L^0 = \bigcup_{j \in [1, \dots, 15]} L_j^0$$
 --

In Column 24, lines 55-67, should read

$$\sum_{k=1}^j L_k :$$

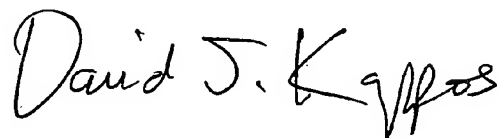
-- their sum for the dimensions 1 to j,

$$\sum_{k=1}^j kL_k :$$

the memory required to store the leaders of all the dictionaries of
dimensions 1 to j with the property of partial composition by controlled extension. --

Signed and Sealed this

Nineteenth Day of October, 2010



David J. Kappos
Director of the United States Patent and Trademark Office

IN THE SPECIFICATION:

In Column 25, lines 45-56 should read

$\sum_{k=1}^j L_k :$
 -- their sum for dimensions 1 to j

$\sum_{k=1}^j kL_k :$
 the memory required to store the leaders of all the dictionaries of dimensions 1 to j with the two properties of embedding and of partial composition by controlled extension. --

In Column 26, line 66, “ $x^3 \notin D_{i-1}^3$ ” should read -- $x^3 \notin D_{i-1}^3$ --

In Column 27, line 1, “ $x^{j'}$ of L^0 ” should read -- $x^{j'}$ of L^0 --

In Column 31, lines 19-30 should read

-- only over the set $L_j(i)$ of the $L_{D_{ji}}$ leaders of D_i^j (for $m^j \in [0, L_{D_i^j}[,$ writing $L_{D_i^j}$ --

In Column 32, lines 8-12 should read

-- for every index $m^j \in [0, L_{D_i^j} [$ --

In Column 32, line 34 should read

$ps(|\tilde{y}|, x^{j'}) = \alpha \sum_{k=0}^{j'-1} (|\tilde{y}_k| \cdot x_k^{j'})$
 -- --

In Column 33, line 21, “ $j'(j' \geq j)$ ” should read -- $j'(j' \leq j)$ --

IN THE CLAIMS:

In Claim 29, Column 42, line 11, “ $\varepsilon\gamma$ ” should read -- $\varepsilon =$ --